Michigan Alternative Content Standards - Mathematics

Grade 2

Students demonstrate increasingly complex understanding of number sense.

Number and Operations in Base 10

1 Represent numbers up to 30 with sets of tens and ones using objects in columns or arrays. EE.2.NBT.1

2.a Count from 1 to 30 (count with meaning; cardinality). EE.2.NBT.2.A

2.b Name the next number in a sequence between 1 and 10. EE.2.NBT.2.B

3 Identify numerals 1 to 30. EE.2.NBT.3

4 Compare sets of objects and numbers using appropriate vocabulary (more, less, equal). EE.2.NBT.4

5.a Identify the meaning of the "+" sign (i.e., combine, plus, add), "–" sign (i.e., separate, subtract, take), and the "=" sign (equal). EE.2.NBT.5.A

5.b Using concrete examples, compose and decompose numbers up to 10 in more than one way. EE.2.NBT.5.B

6-7 Use objects, representations, and numbers (0–20) to add and subtract. EE.2.NBT.6-7

Students demonstrate increasingly complex spatial reasoning and understanding of geometric principles.

Geometry

1 Identify common two-dimensional shapes: square, circle, triangle, and rectangle. EE.2.G.1

Students demonstrate increasingly complex understanding of measurement, data and analytic procedures.

Using Measurement and Data

1 Measure the length of objects using non-standard units. EE.2.MD.1

3-4 Order by length using nonstandard units. EE.2.MD.3-4

5 Increase or decrease length by adding or subtracting unit(s). EE.2.MD.5

6 Use a number line to add one more unit of length. EE.2.MD.6

7 Identify on a digital clock the hour that matches a routine activity. EE.2.MD.7

8 Recognize that money has value. EE.2.MD.8

9-10 Create picture graphs from collected measurement data. EE.2.MD.9-10

Students solve inc ma

Problem Solving

Equally distribute even numbers of objects between two groups. EE.2.OA.3

Skip to main content

making productive use of algebra and functions.

4 Use addition to find the total number of objects arranged within equal groups up to a total of 10. EE.2.0A.4